

ABSTRACT

A recording/reproduction apparatus is capable of effectively and efficiently making use of a large-quantity information signal recorded onto a recording medium and efficiently utilizing the recording medium for recording the information signal. In a process to record a video signal onto the recording medium 8, a video classification process unit 5 employed in the recording/reproduction apparatus recognizes similar pictures of the video signal, classifies pictures of the signal into similar-picture segments each including similar pictures and classifies the similar-picture segments into groups each including similar-picture segments resembling each other. Then, the recording/reproduction apparatus displays a picture as a thumbnail picture for each of the similar-picture segments on a classification display unit 19. By viewing a tabular display of such thumbnail pictures, contents of the video signal recorded on the recording medium 8 can be grasped effectively and with a high degree of efficiency.

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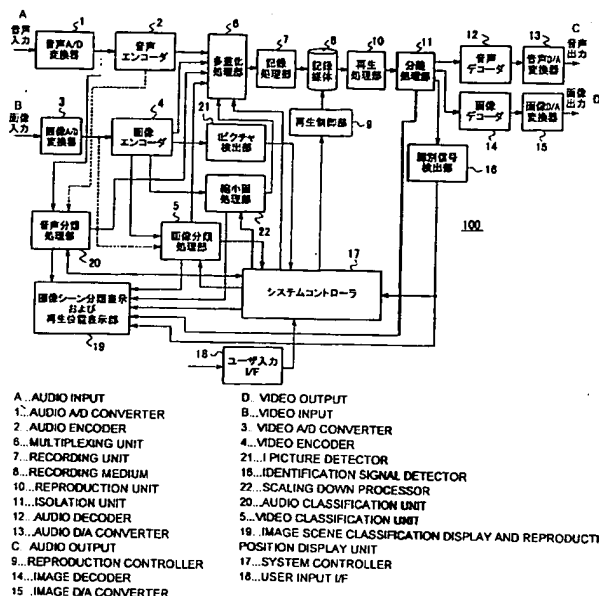
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(54) Title: INFORMATION SIGNAL PROCESSING APPARATUS AND INFORMATION SIGNAL PROCESSING METHOD

(54) 発明の名称: 情報信号処理装置および情報信号処理方法



(57) Abstract: An information signal processing apparatus capable of effectively and efficiently using a plenty of information signals recorded on a large-capacity recording medium and realizing an effective use of the recording medium containing the information signals. When an image signal is recorded onto a recording medium (8), an image classification unit (5) makes judgment on similar images of the image signal and the similar images are classified into groups. One of the images of each group of a similar image interval is displayed as a thumbnail on a classification display unit (19), thereby enabling a user to effectively and efficiently grasp the content of image signal recorded on the recording medium (8) through the thumbnail list display.

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